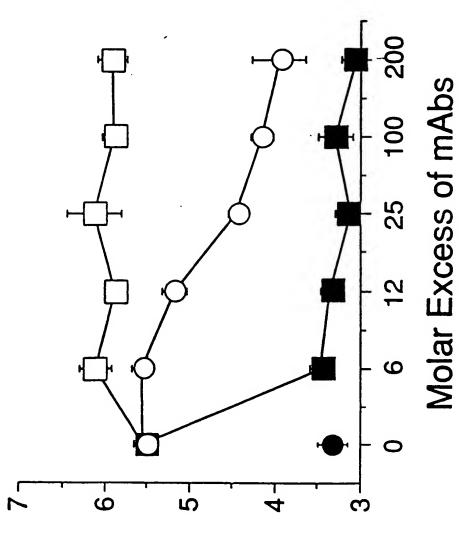


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ACE cell counts 10 4/ml

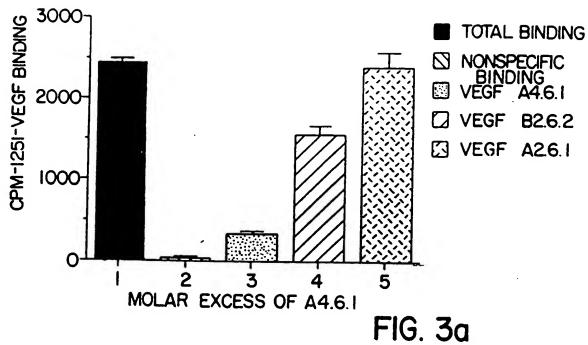


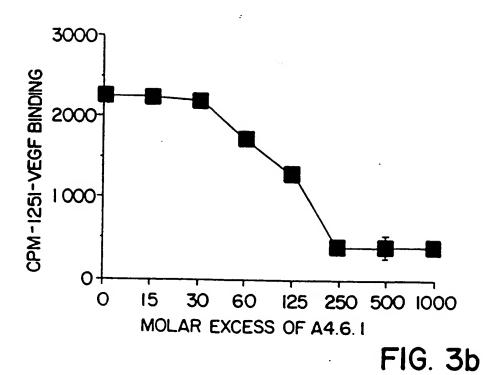
F16.2

VEGF + Anti-HGF Control

VEGF + A4.6.1 VEGF + B2.6.2

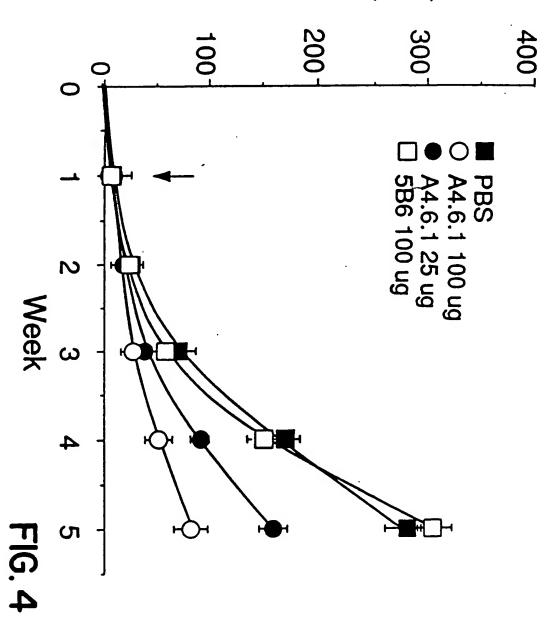
















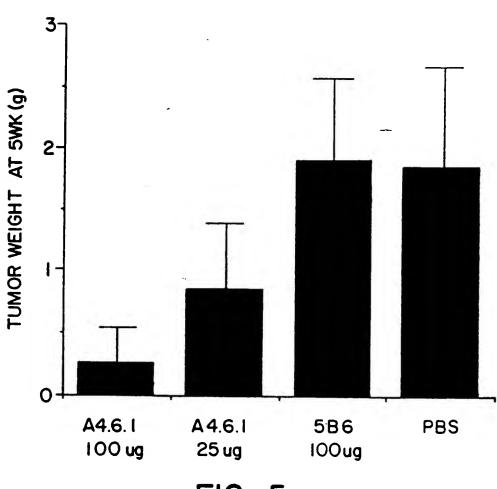


FIG. 5



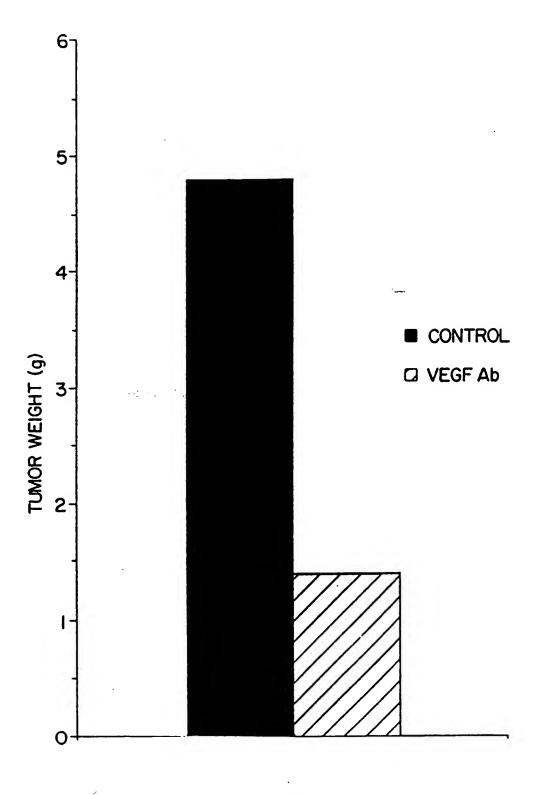


FIG. 6



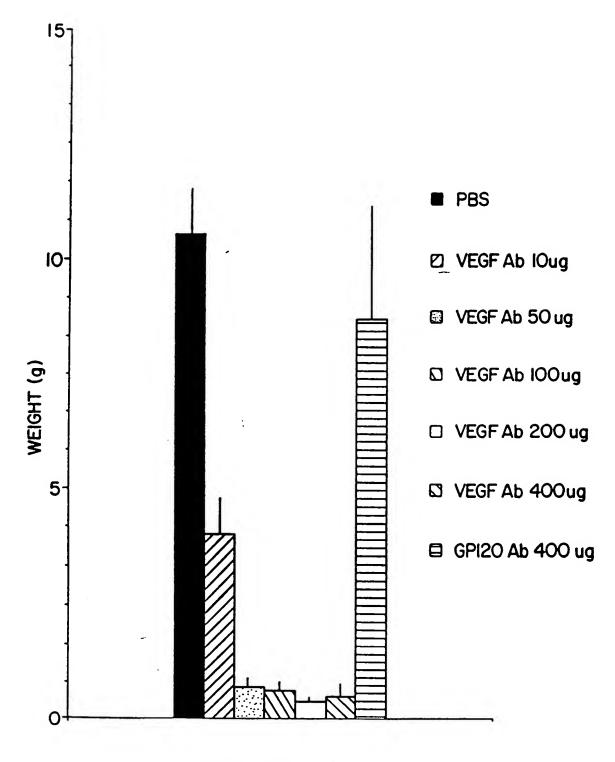
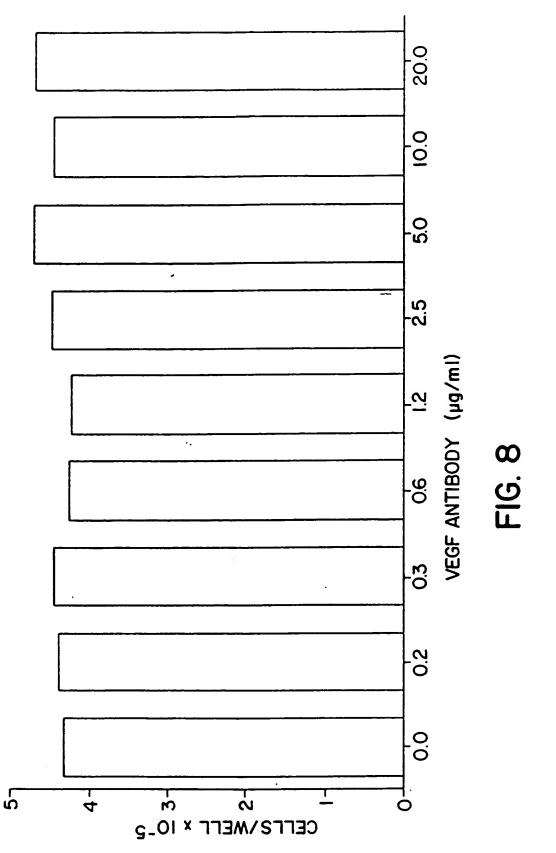
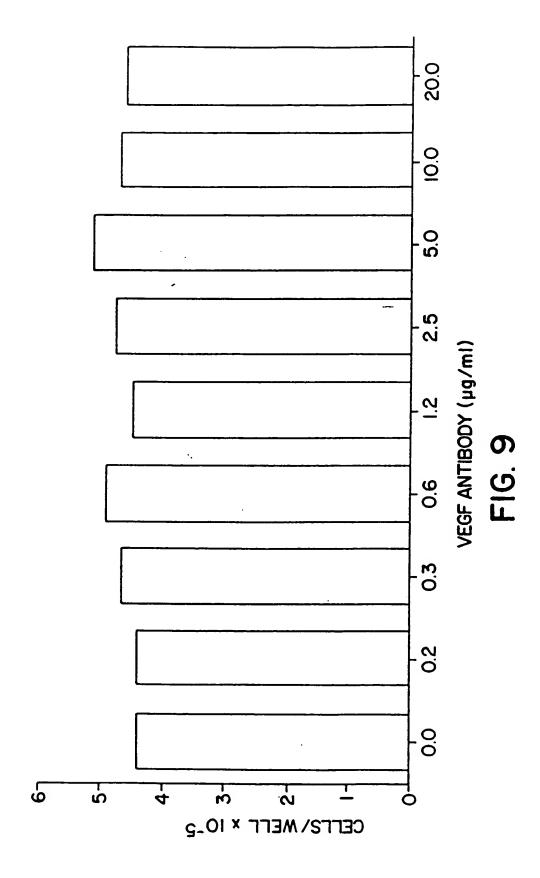


FIG. 7









100	PE	\
DEC 0	8 2003	8
E.	.4	

Sample Type	Sample #	Assay Date	Syn. Fluid	Syn. Fluid + mAB VEGF	% Suppression
	318	5.7.92	5.2 ± 0.2	2.7±0.3	48
	150	5.7.92	7.0±0.3	2.8±0.4	60
	312	5.7.92	$6.7 \pm 0.4$	3.7±0.3	45
	264	5.7.92	6.2±0.4	3.1 ± 0.3	50
	267	5.7.92	5.7±0.6	4.4±0.3	23 .
	202	5.22.92	10.0±0.5	3.4±0.6	66
Rheumatoid	314	5.22.92	7.5±0.3	3.1 ± 0.6	59
Syn. Fluid	237	5.22.92	6.1 ± 0.5	2.2±0.3	64
	206	´5.22.92	6.7±0.5	2.2±0.3	67
	317	5.22.92	5.2±0.3	2.5±0.6	52
	165	6.2.92	4.0±0.3	2.8±0.4	30
	211	6.2.92	3.4±0.5	3.0±0.2	11.7
Osteoarthritis	195	6.2.92	3.5 ± 0.2	3.3±0.3	5.7
	122	6.2.92	3.7±0.3	3.2±0.4	13.5
Syn. Fluid	16	6.2.92	4.1 ±0.3	3.8±0.5	7.3

Mean % Suppression for RA Fluids 53.4 4.2 Mean % Suppression for OA Fluids 13.6 3.9 Synovial fluids were diluted 1:50.

## Controls:

6.2.92	PBS bFGF 1µg/ml	3.3 0.30 3.7 0.38
5.22.92	PBS bFGF 1µg/ml	1.2 0.38 7.8 0.31
5.2.92	PBS bFGF 1µg/ml	1.3 0.18 9.0 0.41



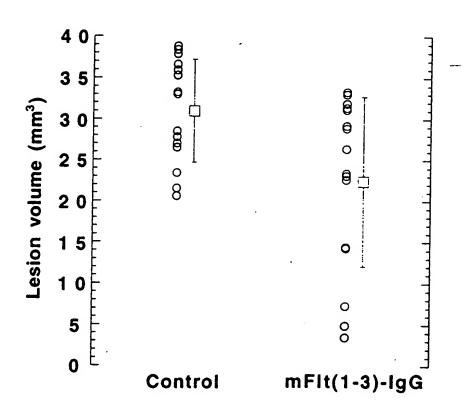


FIG. 11



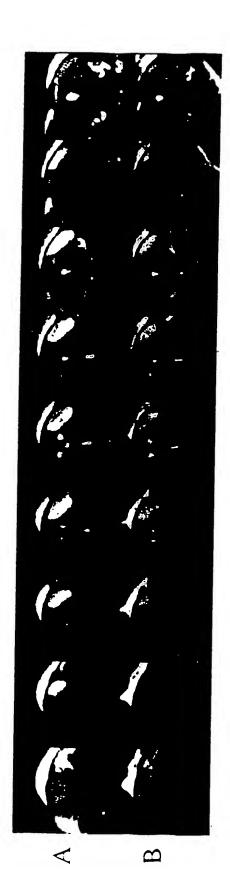


FIG. 12



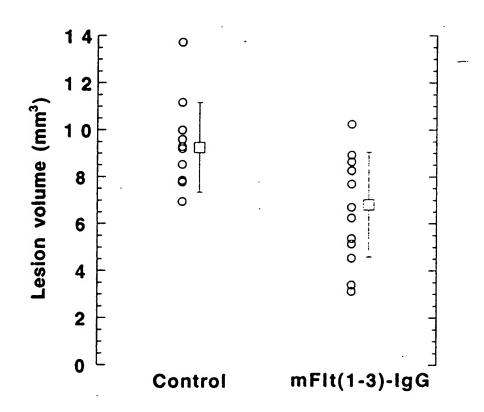


FIG. 13

	, , ,	10178
F(ab)-1	.2 DIQMTQSPSSLSASVGDRVTITCSASQDISNYLNWYQQ	
Y0243-1		DEC 0 8 2063
Y0238-3	DIQUIQSPSSLSASVGDRVTITORAMEQUESNYLNWYQQ	A PADOMAN AND
Y0313-1	DIQUIQSPSSLSASVGDRVTITORANEGUSNYLNWYQQ	PADEMAN
Y0317	DIQUIQSPSSLSASVGDRVTITCSASODISNYLNWYQQ	
	CDP-I1	
F(ab)-1	2 KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS	
Y0243-1	KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS	FIG. 14A
Y0238-3		1201 1411
Y0313-1	KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS	
Y0317	KPGKAPKVLIY <u>FTSSLHS</u> GVPSRFSGSGSGTDFTLTIS	•
	80 CDR-L2 90 100	
F(ab)-1	2 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV	•
Y0243-1	SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV	
Y0238-3	SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV	
Y0313-1	SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV	•
Y0317	SLQPEDFATYYC <u>OOYSTVPWT</u> FGQGTKVEIKRTV	
	CDR-L3	
F(ab)-12	20 30 EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVR	
Y0243-1	EVQLVESGGGLVQPGGSLRLSCAASGYEFTEYGMNWVR	
Y0238-3	EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGENWVR	
Y0313-1	EVQLVESGGGLVQPGGSLRLSCAASGYDFTHYGMNWVR	
Y0317	EVQLVESGGGLVQPGGSLRLSCAASGYEFTEIYGMNWVR	
	CDD-U1	
F(ab)-12	40 50 60 CDR-H1 70 CAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKST	λ
Y0243-1	QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKST	TITO 1/D
Y0238-3	QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKST	
Y0313-1	QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKST	
Y0317	QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKST	
	CDP-H2	•
F(ab)-12	90 CDR H2 100 110 CDR 7 YLQMNSLRAEDTAVYYCAKYPHYYGSSHWYFDVWGQGTL	
Y0243-1	YLQMNSLRAEDTAVYYCAKYPHYYGSSHWYFDVWGQGTL	
Y0238-3	YLQMNSLRAEDTAVYYCAKYPWYYGESHWYFDVWGQGTL	
Y0313-1	YLQMNSLRAEDTAVYYCAKYPWYYGTSHWYFDVWGQGTL	
Y0317	YLQMNSLRAEDTAVYYCAK <u>YPWYYGTSHWYFDY</u> WGQGTL	
	CDR-H3	

F TY Y

= differences from F(ab)-12

F(ab)-12 DIQMTQSPSSLSASVGDRVTITCSASQDISNYLNWYQQ DIQETQSPSSLSASVGDRVTITCRANEQUSNYLNWYOO Y0238-3 DIQHTQSPSSLSASVGDRVTITCRANEQUSNYLNWYQQ Y0239-19 DIQBTQSPSSLSASVGDRVTITCRANEQESNYLNWYQQ DIQETOSPSSLSASVGDRVTITCRANEOUSNYLNWYQQ Y0313-2 CDR-L1 F(ab)-12 KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS Y0192 Y0238-3 KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS Y0239-19 KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFTLTIS KPGKAPKVLIYFTSSLHSGVPSRFSGSGSGTDFT: ~~~ Y0313-2 CDR-L2 F(ab)-12 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV Y0192 Y0238-3 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV Y0239-19 SLQPEDFATYYCQQYSTVPWTFGQGTKVEIKRTV Y0313-2 SLQPEDFATYYCOOYSTVPWTFGQGTKVEIKRTV CDR-L3 FIG. 15B

F(ab)-12 EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVR EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVR Y0192 Y0238-3 EVQLVESGGGLVQPGGSLRLSCAASGYEFTEYGMNWVR Y0239-19 EVQLVESGGGLVQPGGSLRLSCAASGYTFTNYGMNWVR Y0313-2 EVQLVESGGGLVQPGGSLRLSCAASGYDFTHYGMNWVR 60 CDR-H1 F(ab)-12 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA Y0192 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA Y0238-3 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA Y0239-19 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA Y0313-2 QAPGKGLEWVGWINTYTGEPTYAADFKRRFTFSLDTSKSTA CDR-H2 100 CDR-7 F(ab)-12 YLQMNSLRAEDTAVYYCAKYPHYYG---SSHWYFDVWGQGTI YLQMNSLRAEDTAVYYCAKYPHYYG---SSHWYFDVWGQGTI Y0192 Y0238-3 YLQMNSLRAEDTAVYYCAKYPHYYG---SSHWYFDVWGQGTI Y0239-19 YLQMNSLRAEDTAVYYCAKYPHYYVNERKSHWYFDVWGQGTI Y0313-2 YLQMNSLRAEDTAVYYCAKYPHYYVNERKSHWYFDVWGQGTL CDR-H3

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